

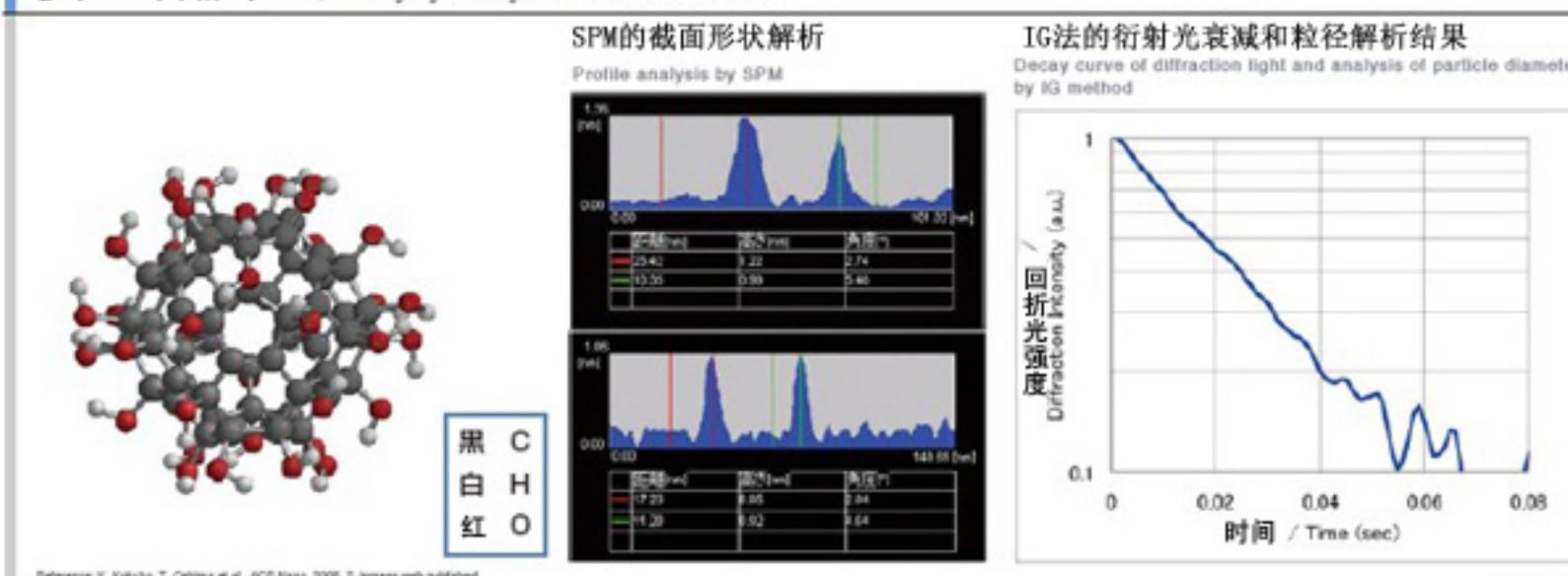
多羟基富勒烯C₆₀、C₇₀的测定

Evaluation of Transparent Electroconductive Paints Distribute MWNT

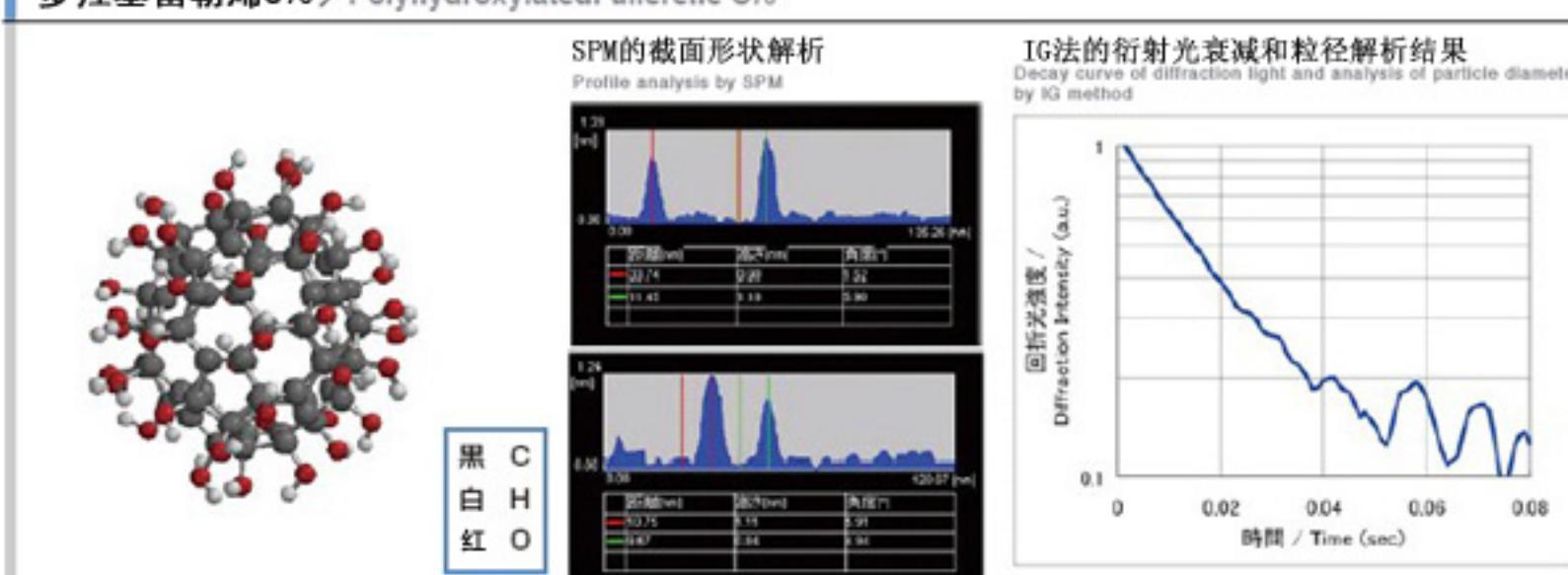
采用SPM和IG法测定多羟基富勒烯C60、C70。
富勒烯C70具有由70个碳原子组成的橄榄球形结构。
IG法测定粒径，通过衍射光的衰减曲线拟合成理论公式进行计算。

This shows example of measurement of Polyhydroxylated Fullerene C₆₀ and C₇₀ using SPM and IG method. Fullerene C₇₀ has a structure with seventy carbon atomics puff of rugby ball shape. The particle diameter is calculated by fitting decay curve of diffraction light to theoretical formula in IG method.

多羟基富勒烯C₆₀ / Polyhydroxylated Fullerene C₆₀



多羟基富勒烯C₇₀ / Polyhydroxylated Fullerene C₇₀



多羟基富勒烯C70的颗粒解析 Particle analysis of Polyhydroxylated Fullerene C₇₀

通过FTIR评价官能团 Evaluation of functional groups by FTIR

SPM数据的颗粒解板结果，可知测定数据的分布情况

通过FTIR测定多羟基富勒烯C60-C70的羟基等官能团

This indicates the particle analysis results of SPM data. This shows particle distribution

通过FTIR测定多羟基

